



NANCE UNIVERSAL HVACR TECHNICAL SCHOOL

Air Conditioning/Refrigeration/ EPA Certification/ Refrigerant Recovery Training

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S I N G A P O R E

March 16-20, March 23-27 and September 14-18 , September 21-25, 2009

The Copthorne Orchid Hotel

214 Dunearn Road, Singapore 299526

Room Reservations: Alice Yoong alice.yoong@copthorneorchid.com.sg ph: 65-6415-6000 fx: 65-6250-9292

Recommendation: Class is appropriate for anyone involved in the maintenance, troubleshooting and/or repair of air conditioning and refrigeration equipment. This seminar is especially recommended for anyone in the offshore drilling, oil production, marine maintenance, petrochemical, refinery, manufacturing transportation and institutional industries. Includes technician training for EPA certification.

Cost: \$2250. USD – Five Day Seminar (Lunch, textbooks, tests, EPA Approved Certificate and wallet cards included). Tuition does not include: lodging, meals (except lunch on class days) & transportation for student. **Past students who wish to retest for EPA Certification may do so on Friday. Cost \$200. USD**

Cancellation of classes must be made 21 days prior to the first day of class. Any time after this, payment will be applied to any future scheduling.

Job Skills Topics

1. Safety, people, equipment and products
2. How the refrigeration system really works
3. What each component does
4. Processing a system prior to charging
5. Properly charging the system with refrigerant
6. Refrigerants used
7. Is the system working as it should
8. Effective ways of leak testing
9. How to troubleshoot compressors
10. Accessories and how they work
11. Pump down, repair and replacement of compressors
12. Air and/or water flow requirements
13. Tools and instruments required
14. Approved preventative maintenance
15. Practical troubleshooting
16. Collecting and analyzing data
17. Systematically isolating refrigeration problems
18. Eliminating original cause of component failure
19. Clean up procedures after a compressor burnout
20. Causes of compressor failure
21. Eliminating flood back and slugging problems
22. Problems in air distribution
23. Montreal Protocol
24. EPA update
25. Refrigerant transition and recovery program
26. Alternative refrigerants and changeover procedures
27. Technician testing for EPA certification

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